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PATENT APPLICATION
Docket No: 15689.48

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Abeta et al.

Serial No.: 09/375,906

Filed: August 17, 1999

For: CHANNEL ESTIMATION UNIT, AND CDMA
RECEIVER AND CDMA TRANSCEIVER WITH
CHANNEL ESTIMATION UNIT

Customer No: 022913

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CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

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- Citation of References Under 37 CFR 1.501 To Be Made Of Record In A Patent File (2 pages)
- Legible Copies of References (9 ref.)
- Postcard

Respectfully submitted,

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TO BE MADE OF RECORD IN A PATENT FILE Technology Center 2600

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is respectfully requested that the attached references be made of record in the file of the above-referenced patent. The references were brought to the patentee's attention in a related European Search Report (enclosed). They are:

1. An Analysis of Pilot Symbol Assisted 16QAM For Digital Mobile Communications
2. An Analysis of Pilot Symbol Assisted Modulation for Rayleigh Fading Channels
3. Rake Receiver Structures for Differential and Pilot Symbol-Assisted Detection of DS-CDMA Signals in Frequency-Selective Rayleigh Fading Channels
4. Analysis of TCM Performance on Rayleigh Channels Using Pilot Symbol Aided Transmission

4. TCMP-A Modulation and Coding Strategy for Rician Fading Channels
5. Rayleigh Fading Compensation Method for 16QAM In Digital Land Mobile Radio Channels
6. Performance of Multi-Level QAM With Maximal Ratio Combining Space Diversity for Land Mobile Radio Communications
7. Designs for Pilot-Symbol-Assisted Burst-Mode Communications With Fading and Frequency Uncertainty
8. Comparison of Pilot Symbol-Assisted and Differentially Detected BPSK for DS-CDMA Systems Employing RAKE Receivers in Rayleigh Fading Channels
9. Channel Estimation Filter Using Time-Multiplexed Pilot Channel for Coherent RAKE Combining in DS-CDMA Mobile Radio
10. European Patent Application – EP 09550741 A1

DATED August 6, 2004.

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